

Date: October 22, 1998

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Sir:

Transmitted herewith for filing is a patent application of

Inventor:

For:

Enclosed are:

- 5 sheets of informal drawings.
- An Assignment of the invention to Magellan DIS, Inc.
- A certified copy of a _____ application.
- A Combined Declaration and Power of Attorney
- An associate power of attorney.
- A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- PTO Form 1449 with copies of patents cited in specification.

The filing fee has been calculated as shown below:

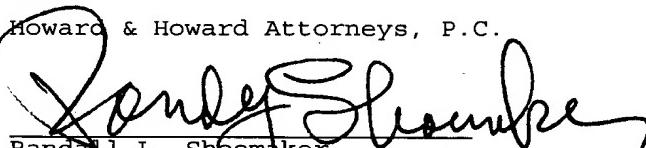
	No. Filed	No. Extra	Small Entity		Large Entity	
Basic fee				\$395	X	\$790
Total Claims	29-20	9	X11	\$0	X22	\$198
Indep. Claims	4-3	1	X41	\$0	X82	\$82
Multiple Depend. Claim(s) Present	<u> </u>					-----
	TOTAL		TOTAL \$1070			

Please charge my Deposit Account No. 08-2789 in the amount of \$ _____
A duplicate copy of this sheet is enclosed.

- A check in the amount of \$1070 to cover the filing fee and Assignment Recordation fee 40.00 is also enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-2789. A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 CFR 1.16.
- Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

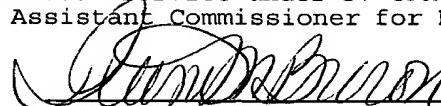
Howard & Howard Attorneys, P.C.



Randall L. Shoemaker
Registration No. 43,118
The Pinehurst Office Center
1400 North Woodward Avenue
Bloomfield Hills, MI 48304
(248) 645-1483

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" Mailing Label No. EL058862653US Date of Deposit October 22, 1998
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231.



Irene M. Brown

JCS 11 U.S. PRO
09/17/6630
10/22/98